

2018-321-E - 280015
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The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
The Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

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CLERK'S OFFICE

November 8, 2018

Dear Ms. Boyd,

As an organizer of Columbia's Drive Electric event, part of a larger nationwide event, I am a leading advocate for Electric Vehicles (EVs). Having purchased my first EV in 2013, I've fielded hundreds of questions about EV ownership.

The questions typically follow the same pattern:

"How do you like it?"

"What's the range?"

"What do you do if you want to go on vacation?"

The last question about long distance travel tends to challenge non-EV owners and induce range anxiety. Americans are fairly unique in the mentality of wanting the ability to drive anywhere, anytime, and for any reason. Even if we choose not to, we WANT to. Our geographically large country, Eisenhower Expressways, and ingrained wanderlust have served Americans well and will not change anytime soon. As a consequence, 34% of South Carolina's mobile NOx emissions comes from on-road, light duty, non-diesel vehicles. Therefore our mission is clear: overcome South Carolinians' EV range anxiety.

The good news: Duke Energy's DC Fast Charging Station program can help increase EV adoption, boost local tourism, and improve South Carolina's image as a technology forward state. By adding 2 DC Fast Charging ports to Rest Areas located halfway between major cities and at South Carolina Welcome Centers, Duke Energy can significantly reduce range anxiety and increase EV penetration in South Carolina.

As part of a broader program including Residential EV Charging, EV School Bus and Transit Bus infrastructure, Duke Energy can help South Carolina reduce pollution and increase confidence in EV transportation solutions that benefit all South Carolinians.

Sincerely,



Alan Buck